

Please type a plus sign (+) inside this box → ☐Approved for use through 10/31/2002. OMB 0651-0032  
U.S. Patent and Trademark office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 60,152-1047

First Inventor John J. Vrana, et al.

Title SELF-ATTACHING FASTENER AND METHOD OF  
INSTALLATION

Express Mail Label No. EL997489875US

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages (31)]  
(preferred arrangement set forth below)  
Descriptive title of the invention  
Cross reference to related applications  
Statement regarding Fed sponsored R & D  
Reference to sequence listing, a table, or a  
Computer program listing appendix  
Background of the Invention  
Brief Summary of the invention  
Brief Description of the Drawings  
Detailed description  
Claim(s)  
Abstract of the Disclosure
4. ☒ Drawing(s) (35 USC 113) [Total Sheets (5)]
5. ☒ Oath or Declaration [Total Pages (4)]
  - a. ☒ Executed (original copy)
  - b. ☐ Copy from a prior application (37 CFR 1.63(d)),  
(for continuation/divisional with Box 18 completed)
  - i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s)  
Named in the prior application, see 37 CFR  
1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

7. ☐ CD-ROM or CD-R in duplicate, large table or  
Computer Program (Appendix)
8. ☐ Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
  - a. ☐ Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i. ☐ CD-ROM or CD-R (2 copies); or
    - ii. ☐ paper
  - c. ☐ Statements verifying identify of above copies

**ACCOMPANYING APPLICATION PARTS**

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney  
(when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☒ Information Disclosure Statement ☐ Copies of IDS  
(IDS)/PTO-1449 Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Request and Certification under 35 USC 122  
(b)(2)(B)(i). Applicant must attach form PTO/SB/35  
or its equivalent.
17. ☒ Other: Check for the payment of the filing fee

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data sheet under 37 CFR. 76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application no.: \_\_\_\_\_/\_\_\_\_\_  
Prior application information: Examiner \_\_\_\_\_ Group Art Unit: \_\_\_\_\_

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.


**19. CORRESPONDENCE ADDRESS**☒ Customer Number or Bar Code Label

(Insert Customer No. or Attach bar code label here)

or ☐ Correspondence address below

27305

|         |           |          |  |
|---------|-----------|----------|--|
| Name    |           |          |  |
| Address |           |          |  |
| City    | State     | Zip Code |  |
| Country | Telephone | Fax      |  |

|                   |   |                                   |                |
|-------------------|---|-----------------------------------|----------------|
| Name (Print/Type) | Raymond E. Scott  | Registration No. (Attorney/Agent) | 22,981         |
| Signature         |  | Date                              | March 29, 2004 |

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231

**FEE TRANSMITTAL  
for FY 2004**

Patent fees are subject to annual revision.

☐ Applicant Claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT (\$)** 950**Complete if Known**

|                      |                       |
|----------------------|-----------------------|
| Application Number   | Herewith              |
| Filing Date          | March 29, 2004        |
| First Named Inventor | John J. Vrana, et al. |
| Examiner Name        | Not Yet Assigned      |
| Group / Art Unit     | Not Yet Assigned      |
| Attorney Docket No.  | 60,152-1047           |

**METHOD OF PAYMENT (check all that apply)**
☒ Check ☐ Credit Card ☐ Money Order ☐ Other  
☐ Deposit Account ☐ None
Deposit  
Account  
Number

08-2789

Deposit  
Account  
Name

Howard &amp; Howard

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Credit any overpayments  
☒ Charge any additional fee(s) during the pendency of this application  
☐ Charge fee(s) indicated below, except for the filing fee to the above identified deposit account.
**FEE CALCULATION****1. BASIC FILING FEE**

| Large Fee Code | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description        | Fee Paid |
|----------------|-----------------|----------------|-----------------|------------------------|----------|
| 1001           | 770             | 2001           | 385             | Utility filing fee     | 770      |
| 1002           | 340             | 2002           | 170             | Design filing fee      |          |
| 1003           | 530             | 2003           | 265             | Plant filing fee       |          |
| 1004           | 770             | 2004           | 385             | Reissue filing fee     |          |
| 1005           | 160             | 2005           | 80              | Provisional filing fee |          |

**SUBTOTAL (1)**

(\$ 770)

**2. EXTRA CLAIM FEES**

| Total Claims | Independent Claims | Multiple Dependent | Extra Claims | Fee from below | Fee Paid |
|--------------|--------------------|--------------------|--------------|----------------|----------|
| 23           | 4                  |                    | -20** = 3    | 18             | 54       |
|              |                    |                    | -3** = 1     | 86             | 86       |
|              |                    |                    |              |                | 0        |

| Large Fee Code | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description  |
|----------------|-----------------|----------------|-----------------|--|
| 1202           | 18              | 2202           | 9               | Claims in excess of 20                                     |
| 1201           | 86              | 2201           | 43              | Independent claims in excess of 3                          |
| 1203           | 200             | 2203           | 145             | Multiple dependent claim, if not paid                      |
| 1204           | 86              | 2204           | 43              | ** Reissue independent claims over original patent         |
| 1205           | 18              | 2205           | 9               | ** Reissue claims in excess of 20 and over original patent |

**SUBTOTAL (2)**

(\$ 140)

\*\*or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

| Large Fee Code | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description  | Fee Paid |
|----------------|-----------------|----------------|-----------------|--|----------|
| 1051           | 130             | 2051           | 65              | Surcharge - late filing fee or oath  |          |
| 1052           | 50              | 2052           | 25              | Surcharge - late provisional filing fee or cover sheet                     |          |
| 1053           | 130             | 1053           | 130             | Non-English specification  |          |
| 1812           | 2,520           | 1812           | 2,520           | For filing a request for <i>ex parte</i> reexamination                     |          |
| 1804           | 920*            | 1804           | 920*            | Requesting publication of SIR prior to Examiner action                     |          |
| 1805           | 1,840*          | 1805           | 1,840*          | Requesting publication of SIR after Examiner action                        |          |
| 1251           | 110             | 2251           | 55              | Extension for reply within first month                                     |          |
| 1252           | 420             | 2252           | 210             | Extension for reply within second month                                    |          |
| 1253           | 950             | 2253           | 475             | Extension for reply within third month                                     |          |
| 1254           | 1,480           | 2254           | 740             | Extension for reply within fourth month                                    |          |
| 1255           | 2,010           | 2255           | 1,005           | Extension for reply within fifth month                                     |          |
| 1401           | 330             | 2401           | 165             | Notice of Appeal   |          |
| 1402           | 330             | 2402           | 165             | Filing a brief in support of an appeal                                     |          |
| 1403           | 290             | 2403           | 145             | Request for oral hearing   |          |
| 1451           | 1,510           | 1451           | 1,510           | Petition to institute a public use proceeding                              |          |
| 1452           | 110             | 2452           | 55              | Petition to revive - unavoidable   |          |
| 1453           | 1,330           | 2453           | 665             | Petition to revive - unintentional   |          |
| 1501           | 1,330           | 2501           | 665             | Utility issue fee (or reissue)   |          |
| 1502           | 480             | 2502           | 240             | Design issue fee   |          |
| 1503           | 640             | 2503           | 320             | Plant issue fee  |          |
| 1460           | 130             | 1460           | 130             | Petitions to the Commissioner  |          |
| 1807           | 50              | 1807           | 50              | Processing fee under 37 CFR 1.17(q)  |          |
| 1806           | 180             | 1806           | 180             | Submission of Information Disclosure Stmt                                  |          |
| 8021           | 40              | 8021           | 40              | Recording each patent assignment per property (times number of properties) | 40       |
| 1809           | 770             | 2809           | 385             | Filing a submission after final rejection (37 CFR § 1.129(a))              |          |
| 1810           | 770             | 2810           | 385             | For each additional invention to be examined (37 CFR § 1.129(b))           |          |
| 1801           | 770             | 2801           | 385             | Request for Continued Examination (RCE)                                    |          |
| 1802           | 900             | 1802           | 900             | Request for expedited examination of a design application                  |          |

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3)**

(\$ 40)

**SUBMITTED BY****Complete (if applicable)**


|                   |   |                                 |        |           |              |
|-------------------|---|---------------------------------|--------|-----------|--------------|
| Name (Print/Type) | Raymond E. Scott  | Registration No. Attorney/Agent | 22,981 | Telephone | 248.723.0306 |
| Signature         |  |                                 |        | Date      | 3-29-04      |

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

**CERTIFICATE OF EXPRESS MAILING**

I hereby certify that the enclosed **PATENT APPLICATION** and fee are being deposited with the United States Postal Service as Express Mail, postage prepaid, in an envelope as "Express Mail Post Office to Addressee", Mailing Label No. **EL997489875US** and addressed to **Mail Stop Patent Application**, Commissioner for Patents, P.O. 1450, Alexandria, Virginia 22313-1450 on **March 29, 2004**.

  
\_\_\_\_\_  
Tracy L. Smith